

SOL-I-AX-1M-24



Features:

- Pure sine wave inverter
- Output power factor 1
- Built-in MPPT solar charge controller
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and lifecycle

Axpert MKS

Off-Grid Inverter

Inverter Specs	
Rated Power	1000VA/1000W
Parallel Capability	No
Input	
Voltage	230V AC
Selectable Voltage Range	170-280V AC (For Personal Computers) ; 90-280V AC (For Home Appliances)
Frequency Range	50Hz / 60Hz (Auto sensing)
Output	
AC Voltage Regulation (Batt Mode)	230V AC \pm 5%
Surge Power	2000VA for 5 seconds
Efficiency (Peak)	90%
Transfer Time	10ms (Personal computers) ; 20ms (Home appliances)
Waveform	Pure sine wave
Battery	
Battery Voltage	24V DC
Floating Charge Voltage	27V DC
Overcharge Protection	31V DC
Solar Charger & AC Charger	
Maximum PV Array Power	600W
MPPT Range @ Operating Voltage	30-66V DC
Maximum PV Array Open Circuit Voltage	75V DC
Maximum Solar Charge Current	25A
Maximum AC Charge Current	20A
Maximum Charge Current	45A
Physical	
Dimensions D X W X H	100 X 272 X 355
Net Weight (kgs)	7.0kg
Environment	
Humidity	5% to 95% relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C

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 www.communica.co.za

Pretoria
65 Francis Baard Street
Pretoria, 0002, South Africa
☎ +27 (0)12 328 7008
☎ +27 (0)12 328 7018
✉ salespt@communicaco.za

Head Office
53 Landmarks Avenue
Samrand, 0157
Centurion, South Africa
☎ +27 (0)12 657 3500
☎ +27 (0)12 657 3550
✉ sales@communicaco.za

Cape Town
36 Marine Drive
Paarden Eiland, 7405
Cape Town, South Africa
☎ +27 (0)21 447 0949
☎ +27 (0)21 447 0959
✉ salesct@communicaco.za